

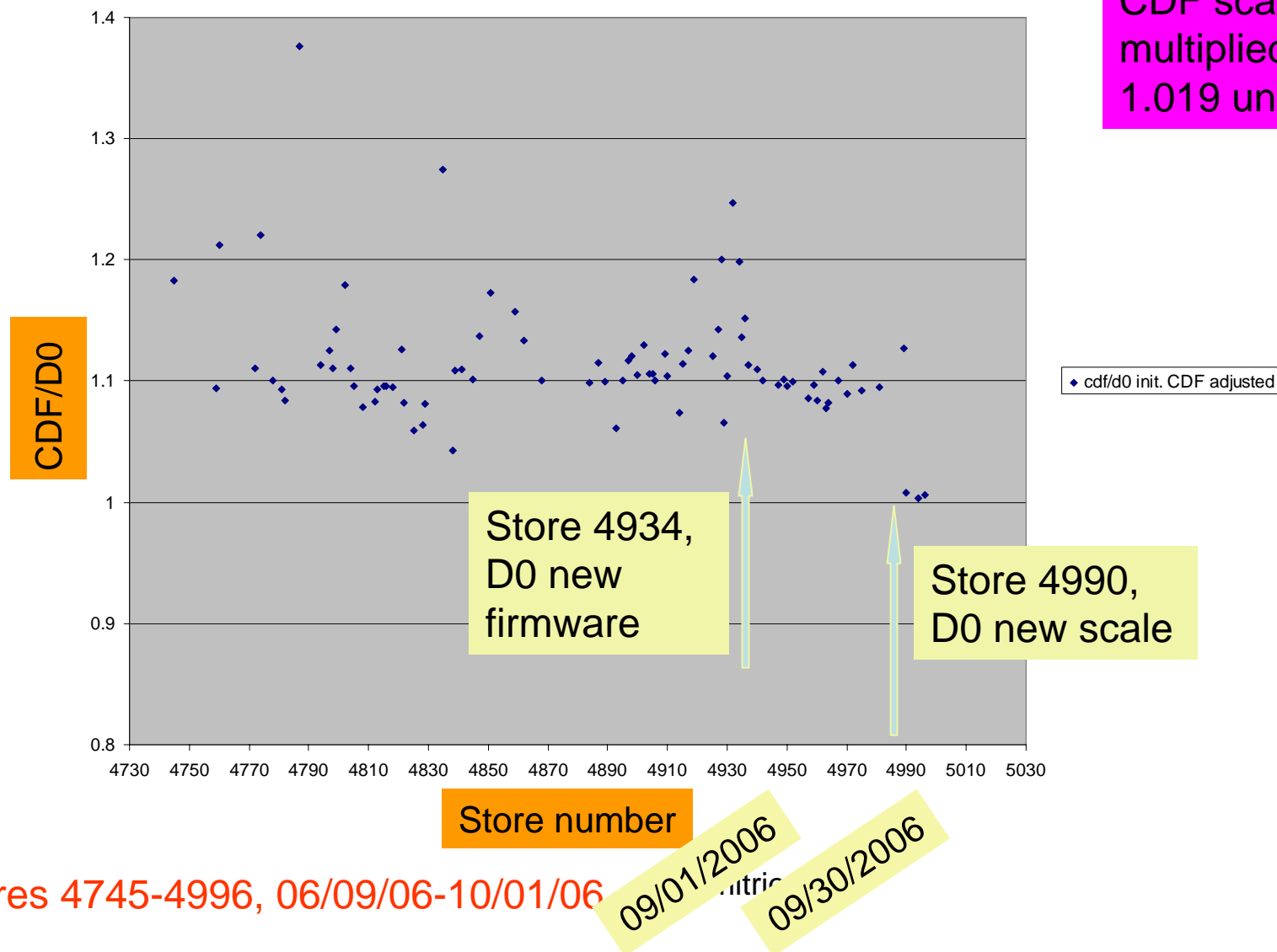
CDF/D0/AD Luminosity Task Force meeting

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Updated recent history on CDF/D0
luminosity ratio

October 4, 2006

CDF/D0 init. lum vs store number after the shutdown

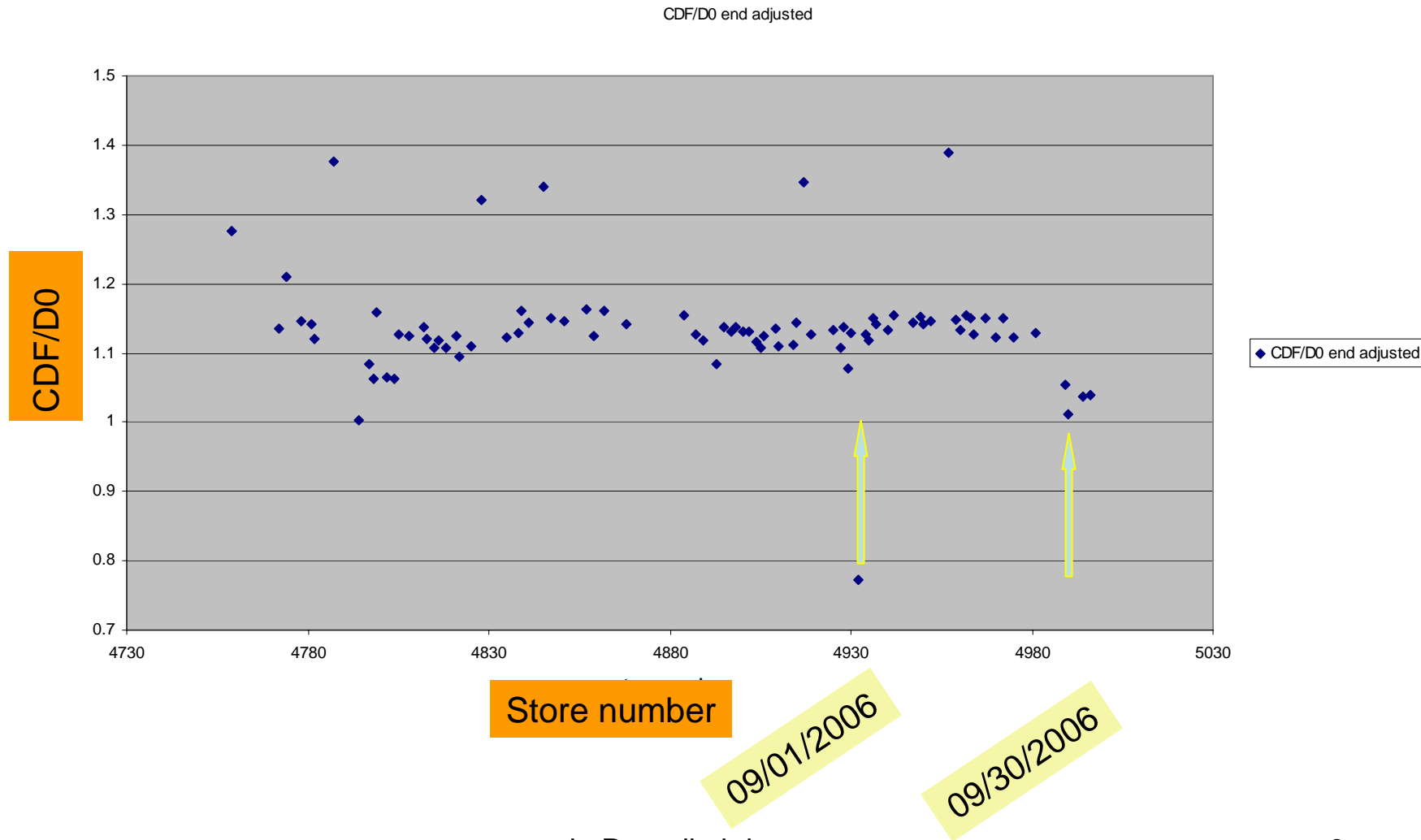


Stores 4745-4996, 06/09/06-10/01/06

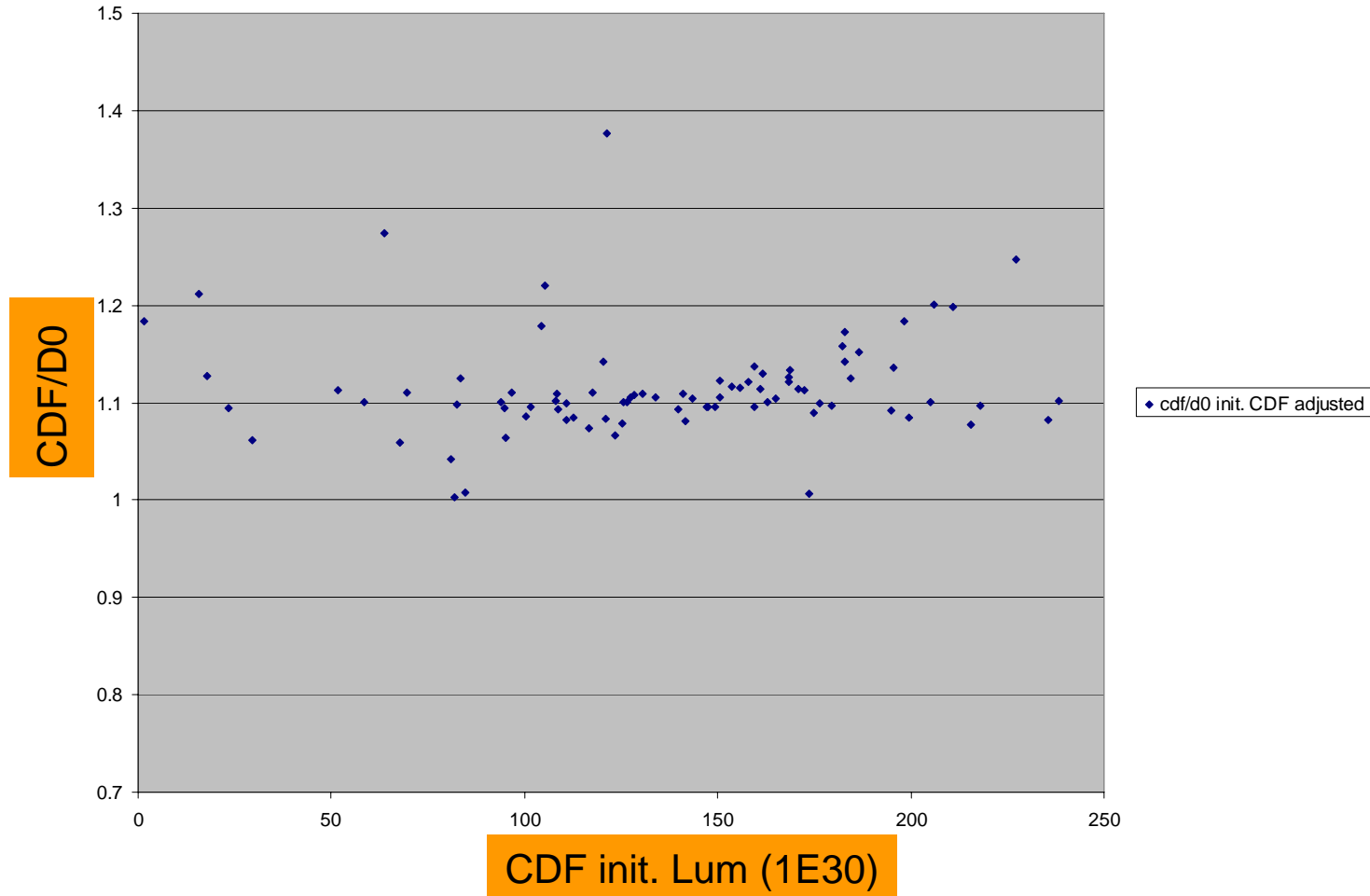
09/01/2006

09/30/2006

CDF/D0 end of store lum vs store number after the shutdown



CDF/D0 init. lum vs CDF init. lum after the shutdown



Stores 4745-4963, 06/09/06-10/01/06

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Conclusion

❖ The CDF/D0 **initial** luminosity ratio stabilizes at values very close to 1 since Sept. 30, 2006, after the D0 luminosity scale adjustment by about 1.12 and after multiplying the CDF scale by 1.019; the CDF correction is being applied offline and is for first time included in these plots. The ratio of **end** of store luminosities is about 1.04 in the 2 most recent stores.

❖ As we get higher luminosities with these new scales, we have to watch the behaviour of the ratio as a function of luminosity